1. A = [-1,4), B= (-0,5]

- · AVB= (-0,5]
- · AnB=[-1.4)
- · A1B = 9
- · BIA= (~,-1) v [4,5]
- · A'= (-0, -1) v [4, +0)
- $B' = (5, +\infty)$
- · AnB = (-0,-1) v [4,5]
- · AUB' = [-1,4) v (5, +2)
- 2. x cens 1 kg broshum (nehrangneh) no pourythen

po podrytie: 1.04 x - cens thy br.
1.08 x - cens thy next

2.1.04x - 2.108x = 2.2,12x = 4,24x - cens horizona

4x - cens pourgthow

4,24x-6x = 0,24x = 0,06-100% = 6%

Odp: Koszyk zahupon zdnozeje o 640.

3. . 4(2x+1) - (3+x) = 2(x-2)

8x+4-3-x=2x-4

5x = -5

X=-1

 $\frac{3\times-1}{4} - \frac{x+1}{8} > \frac{5\times+1}{6} - \frac{3}{24}$

6(3x-1) -3(x+1) > 4(5x+1) -72

18x-6-3x-3 = 20x +4-72

-5× > -59 /.(-1)

5× 559 × 559 × 559 × 559 × 559

TAK, notery

4.
$$O_{1}(63) = \times 1.000$$
 $-63_{1}(63) = \times 1.000$
 $-63_{1}(63) = \times 1.93$
 $-1.141 = \times 1.93$
 -1.1

b)
$$C \cap B = \emptyset$$

 $C \cup B = A \cup B = L \cap 2 \cdot 3 \cdot 4 \cdot 5 \cdot 6 \cdot 7 \cdot 8 \cdot 9 \cdot 9$ stead $1 \cdot 4 \cdot 8 \in \mathbb{C}$
 $1 \cdot 3 = L \cdot 2 \cdot 3 \cdot 5 \cdot 6 \cdot 7 \cdot 9 \cdot 9$ one $2 \cdot 3 \cdot 5 \cdot 6 \cdot 7 \cdot 9 \notin \mathbb{C}$
(b) when $2 \cdot 3 \cdot 5 \cdot 6 \cdot 7 \cdot 9 \notin \mathbb{C}$
(b) when $2 \cdot 3 \cdot 5 \cdot 6 \cdot 7 \cdot 9 \notin \mathbb{C}$

7. A={e, 6, 669} P(A) = {203, 163, 263, 263, 0, 20, 603, 20, 20, 203, 20, 2039, 20, 2039}

4.
$$2(x-4) = 2(3+4x) - (2x-2)$$
 • $\frac{2x+1}{4} - \frac{x-2}{8} \le \frac{3x+2}{6} - \frac{2}{1.24}$

5.
$$(x^2-16)(x-3) = 0/0(x-4)$$

$$(x^2-16)(x-3)=0$$

$$x^{2}-16=0$$
 $\sqrt{x-3}=0$

1×1= 4 ×= 4 V ×= -4

6.
$$1(31) - 0(85)$$

$$1(31) - 2(100)$$

$$-131(31) - 100x$$

$$-130 = 99 \times 1 - 99$$

$$\times = 130$$

$$\times = 130$$

$$\times - y = 130$$

$$\times -$$